

FIG.2

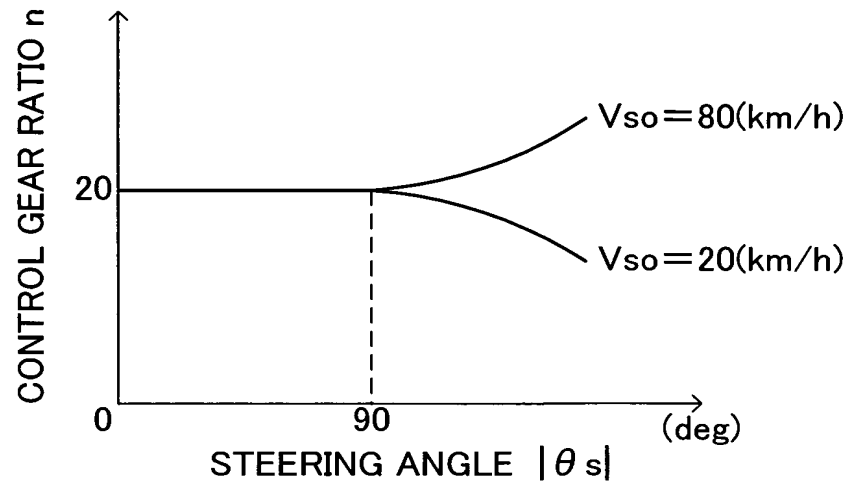


FIG.3

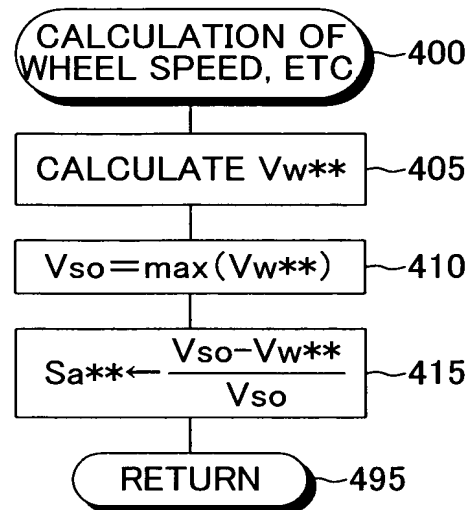


FIG.4

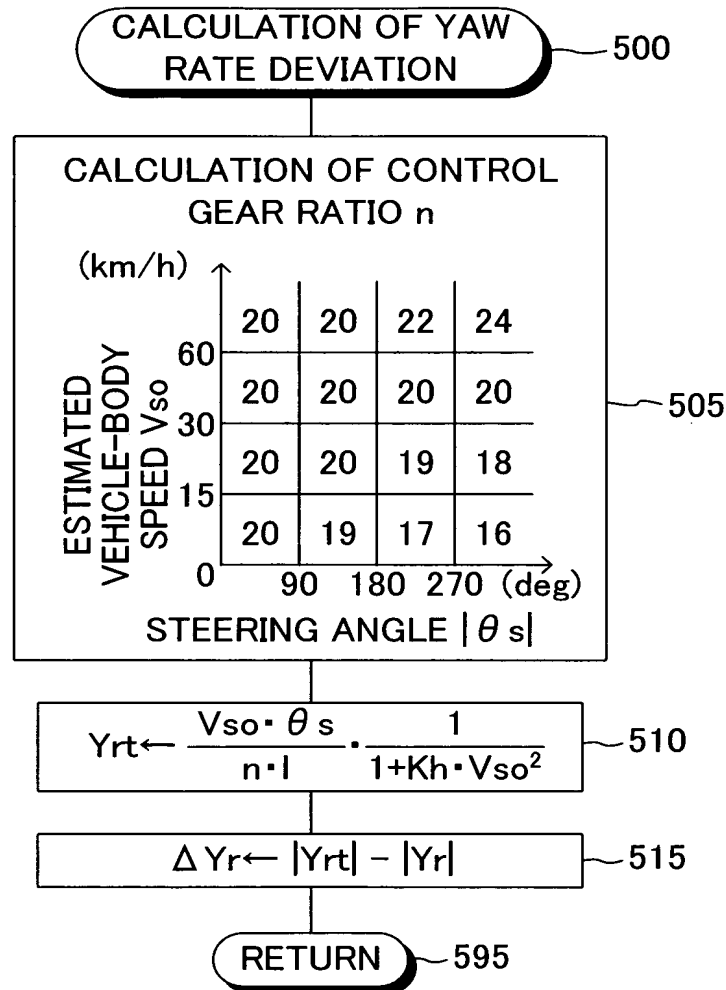
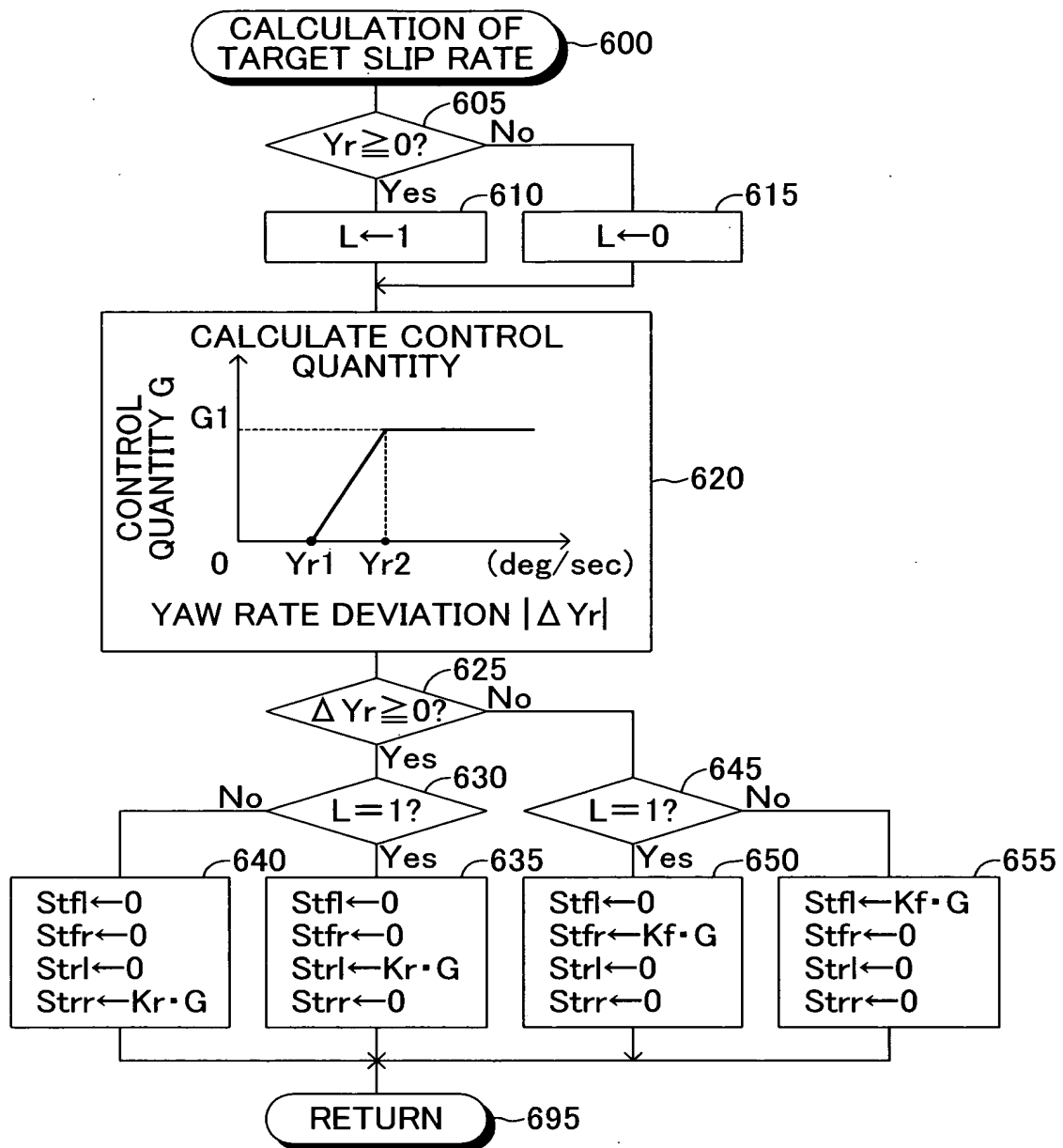


FIG.5



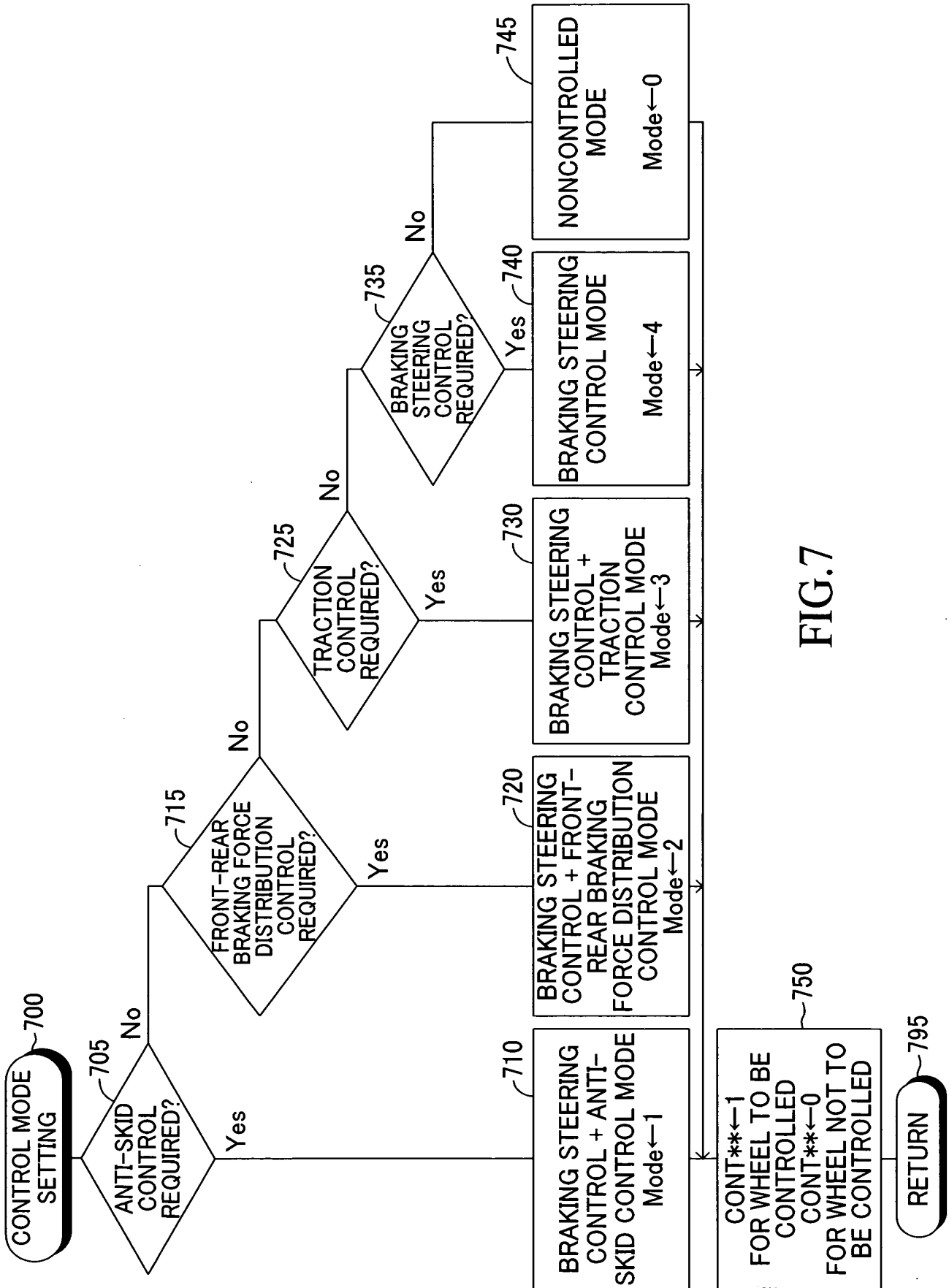


FIG. 7

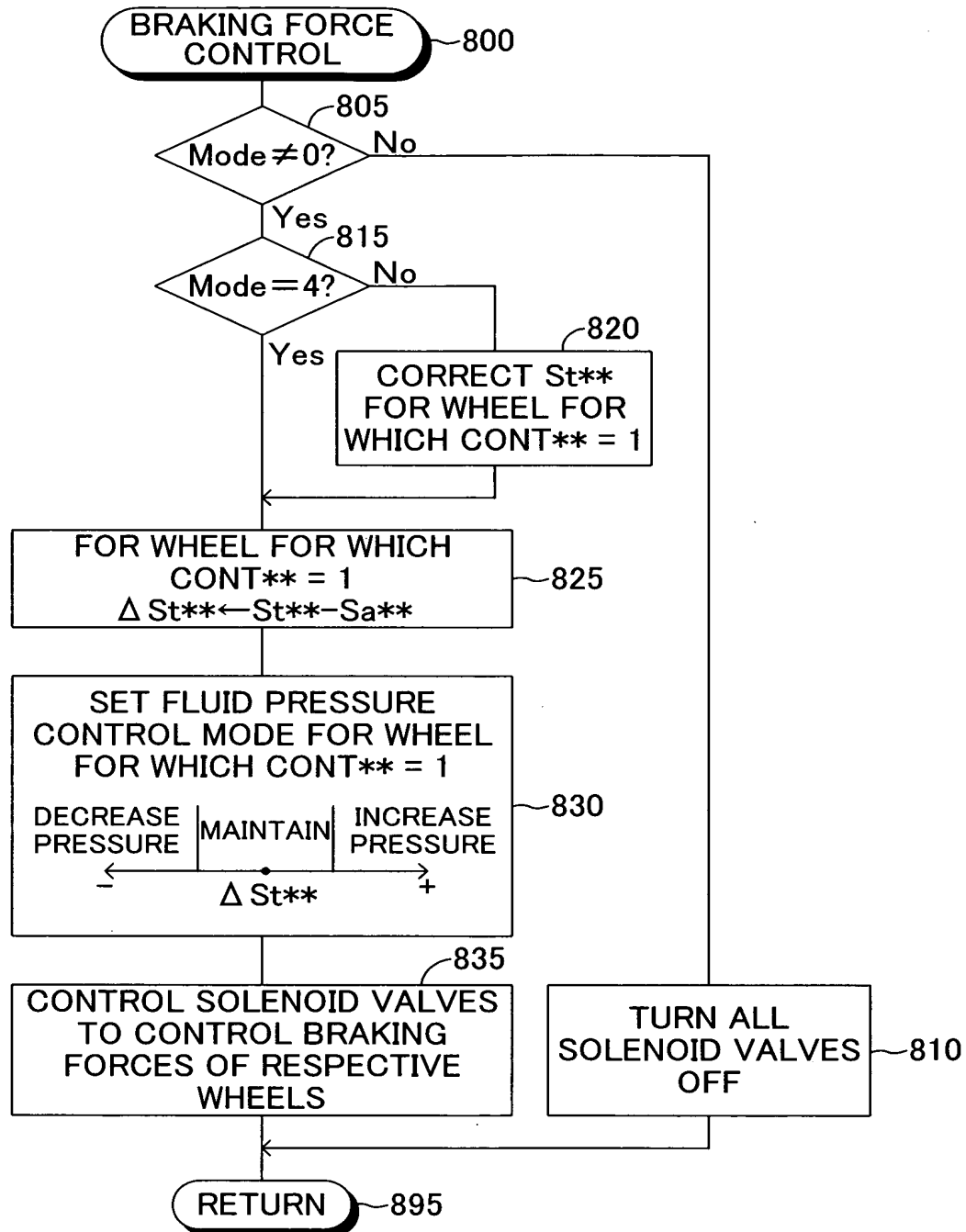


FIG.8



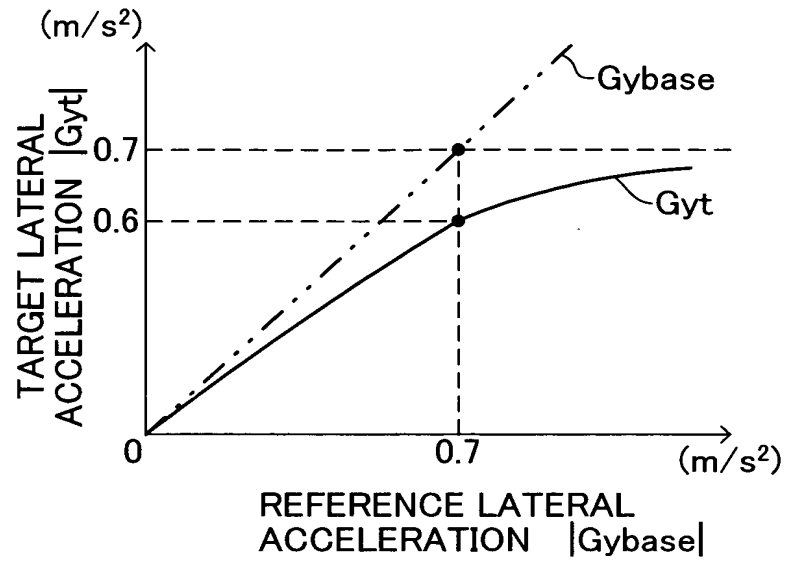


FIG.9

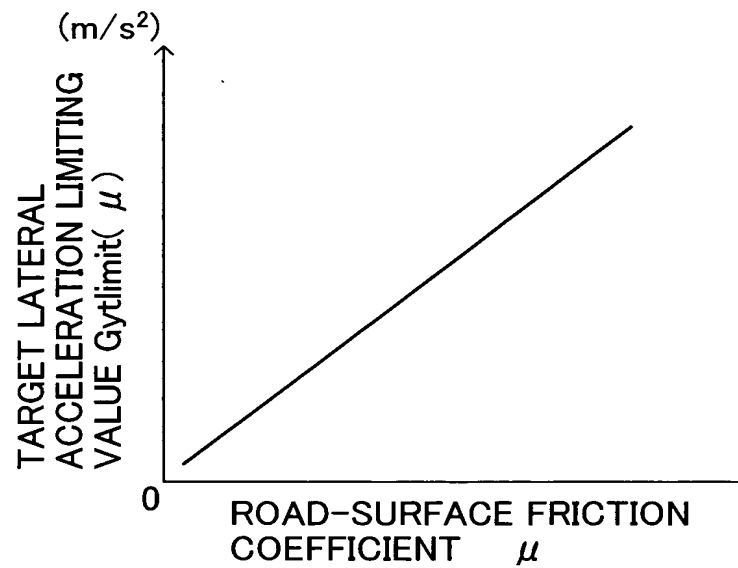


FIG.10

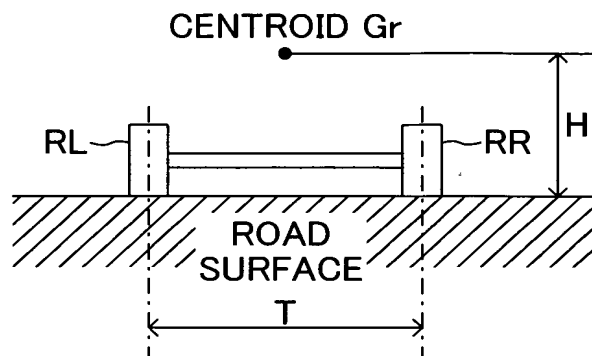


FIG.11

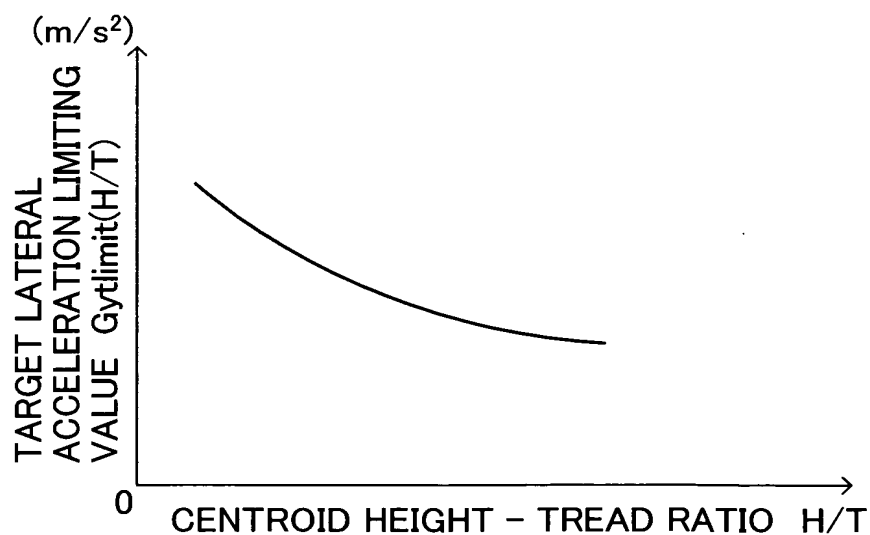


FIG.12

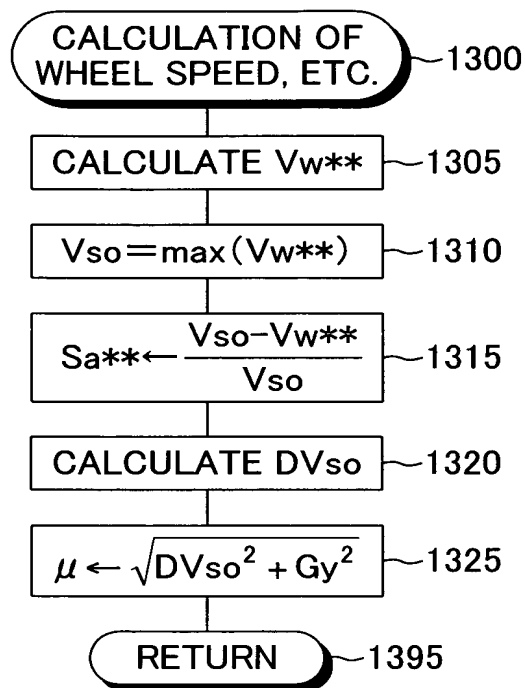


FIG.13

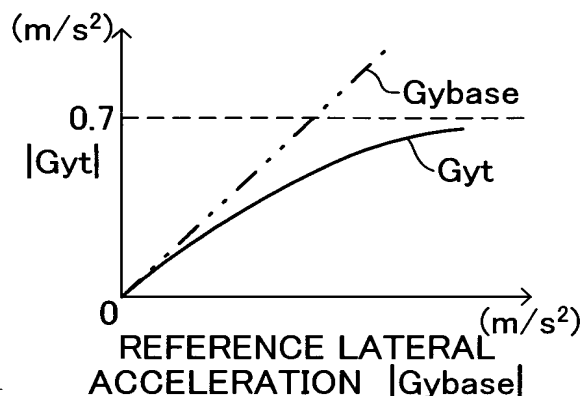
CALCULATION OF LATERAL  
 ACCELERATION DEVIATION

1400

$$Gybase \leftarrow \frac{V_{so}^2 \cdot \theta_s}{n \cdot l} \cdot \frac{1}{1 + Kh \cdot V_{so}^2}$$

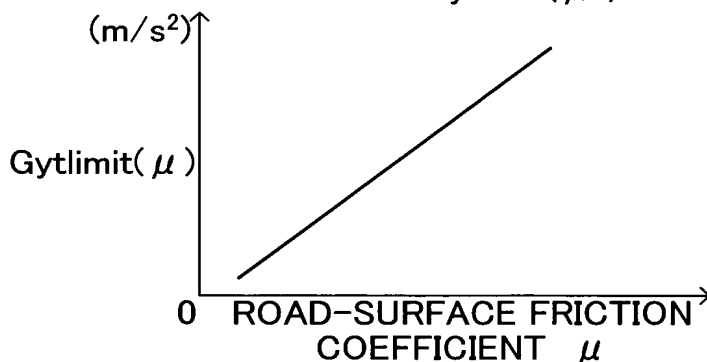
1405

CALCULATE TARGET LATERAL  
 ACCELERATION  $G_{yt}$



1410

CALCULATE TARGET LATERAL ACCELERATION  
 LIMITING VALUE  $G_{ylimit}(\mu)$



1415

$|G_{yt}| \leq G_{ylimit}(\mu)$ ?

1420 No

Yes

$$G_{yt} \leftarrow \text{sgn}(G_{yt}) \cdot G_{ylimit}(\mu)$$

1425

$$\Delta Gy \leftarrow |G_{yt}| - |G_y|$$

1430

RETURN

1495

FIG.14

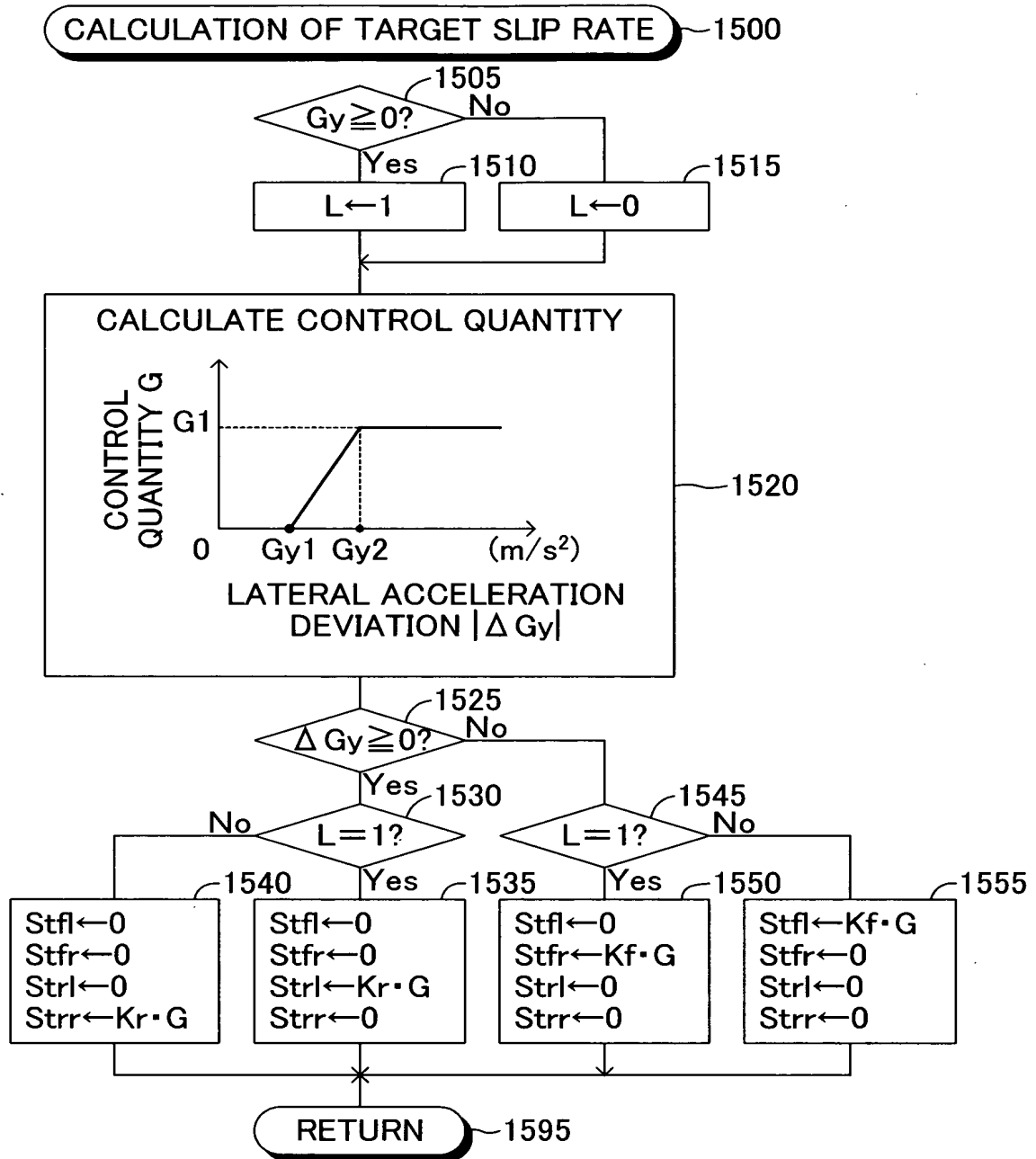


FIG.15